Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line.		· · · · · · · · · · · · · · · · · · ·	762,526		by the STIC S	tems Branch CRF Processing D	ato: 1/9/92
Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specificate. ###################################	war r					Edited by:	(STIC s
Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number supputed by applicant was the prior application data; or other Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integrated the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted extra, invalid, headings used by an applicant, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)					ence text was "turan	-	
Edited the Current Application Data section with the actual current number. The number paper paper application data; or other Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integrated the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning end of files: secretary initials/filename at end page numbers throughout text; other invalid text, such as lnserted mandatory headings, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)						N .	#10.5
Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integrated the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII garbage at the beginning/end of files; secretary initials/filename at end page numbers throughout text; other invalid text, such as linserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)							
Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integration of the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted:		Edited the Cur applicant was	rent Application the prior ap	Data section with polication data; or	h the actual current i	number. The number	haputted by the
Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files: secretary initials/filename at end page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e		Added the mar	ndatory heading	and subheading	s for "Current Applic	ation Data".	
Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Edited the "Nu	mber of Sequer	nces" field. The a	pplicant spelled out	a number instead of ι	ısing an integer.
Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII garbage at the beginning/end of files; secretary initials/filename at end page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Changed the sp	nam a to gnillec				
Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e		Corrected the S	SEQ ID NO whe			, , , , , , , , , , , , , , , , , , , ,	dited were:
Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Inserted or corr	ected a nucleic	number at the er	nd of a nucleic line.	SEQ ID NO's edited:	
Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning end of files: secretary initials/filename at end page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Corrected subh applicant placed	eading placeme d a response be	ent. All response elow the subhead	s must be on the sar ing, this was moved	ne line as each subhe to its appropriate plac	eading. If the
Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Inserted colons	after headings	/subheadings. H	eadings edited inclu	ded:	
Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted <i>ending</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Deleted extra, i	nvalid, heading	s used by an app	licant, specifically:		·
Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted <i>ending</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Deleted: ☐ no	on-ASCII "garba bers throughout	age" at the beginn t text;	ning/end of files; Invalid text, such as_	secretary initials/filer	name at end of file
Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted <i>ending</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Inserted manda	atory headings,	specifically:			
Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted <i>ending</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e)		Corrected an o	bvious error in	the response, spe			
A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted <i>ending</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e		Edited identifie	rs where upper	case is used but			
Deleted <i>ending</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (e		Corrected an e	rror in the Numl	ber of Sequences	field, specifically:		
Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (edue to a Patentin bug). Sequences corrected:	•	A "Hard Page E	Break" code was	s inserted by the	applicant. All occurr	ences had to be delet	ed.
	(Deleted <i>ending</i> lue to a Patentlr	stop codon in a 1 bug). Sequen	amino acid seque	nces and adjusted th	ne "(A)Length:" field a	ccordingly (error
Other:							

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

p. Barnbel

45

PAGE: 1

RAW SEQUENCE LISTING PATENT APPLICATION US/08/702,525

DATE: 01/09/98 TIME: 14:06:23

INPUT SET: S22465.raw

This Raw Listing contains the General **Information Section and those Sequences** containing ERRORS.

```
Conected Diskette Needer
 1
                                        SEQUENCE LISTING
 2
 3
            General Information:
     (1)
 4
 5
 6
          (i) APPLICANTS:
                            Sharpe, Sharpe
 7
                            Borriello, Francescopaolo
 8
                            Freeman, Gordon
 9
                            Nadler, Lee
10
         (ii) TITLE OF INVENTION: Novel Forms of T Cell Costimulatory Molecules
11
                                    and Uses Therefor
12
13
        (iii) NUMBER OF SEQUENCES:
14
15
16
         (iv) CORRESPONDENCE ADDRESS:
17
               (A) ADDRESSEE: LAHIVE & COCKFIELD
               (B) STREET: 28 State Street
18
19
               (C) CITY: Boston
20
               (D) STATE: Massachusetts
               (E) COUNTRY: USA
21
22
               (F) ZIP: 02109-1875
23
24
          (v) COMPUTER READABLE FORM:
25
               (A) MEDIUM TYPE: Floppy disk
26
               (B) COMPUTER: IBM PC compatible
27
               (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28
               (D) SOFTWARE: ASCII Text
29
30
         (vi) CURRENT APPLICATION DATA:
31
               (A) APPLICATION NUMBER:
32
               (B) FILING DATE:
33
34
         (vi) PRIOR APPLICATION DATA:
               (A) APPLICATION NUMBER: US 08/205,697
35
36
               (B) FILING DATE: 02-Mar-1994
37
38
       (viii) ATTORNEY/AGENT INFORMATION:
39
               (A) NAME: Mandragouras, Amy E.
40
               (B) REGISTRATION NUMBER: 36,207
41
               (C) REFERENCE/DOCKET NUMBER: BWI-120CPUS
42
43
         (ix) TELECOMMUNICATION INFORMATION:
44
               (A) TELEPHONE: (617)227-7400
```

(B) TELEFAX: (617)227-5941

PAGE: 2

RAW SEQUENCE LISTING PATENT APPLICATION US/08/702,525

DATE: 01/09/98 TIME: 14:06:26

INPUT SET: S22465.raw

46 47

ERRORED SEQUENCES FOLLOW:

3001 3002	(2)	INF	ORMA'	rion	FOR	SEQ	ID I	NO:6	5:	•								
3003	(i) SEQUENCE CHARACTERISTICS:																	
3004	(A) LENGTH: 226 amino acids																	
3005	(B) TYPE: amino acid																	
3006	(D) TOPOLOGY: linear																	
3007							_											
3008		()	L1) I	MOLE	COLE	TYPI	s: p	rote	ın									
3009				777.0111		DESCRIPTION. SEC ID NO.CE.												
3010	-	(3	(1) :	SEQUI	ENCE	DESCRIPTION: SEQ ID NO:65:												
3011	> 4-4	.1.	a	•	a	a 1	•		a1	•	m1	_	_	_	_			
3012		ата	cys	Asn	_	GIN	Leu	мет	Gln	-	Thr	Pro	Leu	Leu	-	Pne		
3013	1				5					10					15			
3014	n	a	B	.	.	-1 -	T	•	m 1		-	•	-1.			~		
3015	Pro	cys	Pro		Leu	тте	Leu	Leu	Phe	vaı	Leu	Leu	тте		Leu	ser		
3016		20 25 30																
3017 3018	a1 =	*** 1		G	3	17-1	3	a 1	a 1 -	7	~	T	~		T			
3018	GIN	val		Ser	ASP	vaı	ASP		Gln	Leu	ser	Lys		val	rås	Asp		
		35 40 45																
3020 3021	T	v. l	T 011	T 411	Dwa	a	X	M	3		D=-	*** -	<u>ما</u>	1	a 1	~		
3021	гуз		Leu	Leu	PIO	cys	_	Tyr	Asn	ser	Pro		GIU	ASP	GIU	ser		
3022		50					55					60						
3023	61 11	7.50	1 ~~	т1.	m	m~~	a1 n	T ***	His	N a m	T	Wal.	17.01	T 011	Co.	W-1		
3024	65	ASP	Arg	TTE	ıyı		GIII	гÀр	піз	ASP		Val	νат	Leu	Ser			
3025	65	70 75 80																
3027	Tla	Ala Gly Lys Leu Lys Val Trp Pro Glu Tyr Lys Asn Arg Thr Leu												T 011				
3027	TTE	85 90 95																
3029					03					90					93			
3030	ጥኒንን	Aen	Acn	Thr	Thr	ጥህዮ	Sar	T.011	Ile	Tla	Len	Gl v	T 011	Val	T All	Sar		
3031	- 1 -	nop	7.7.1	100	****	- 7 -	DCI	Вса	105	110	neu	G± y	пец	110	цец	Der		
3032									-05					110				
3033	asp	Ara	Glv	Thr	Tvr	Ser	Cvs	Val	Val	Gln	Lvs	I.vs	Glu	Ara	Glv	Thr		
3034		5	115		- , -		-7-	120			-,-	_,_	125	9				
3035																		
3036	Tvr	Glu	Val	·Lvs	His	Leu	Ala	Leu	Val	Lvs	Leu	Ser	Tle	I.vs	Pro	Pro		
3037	- 4 -	130		-1-			135			-1-		140		-,-				
3038	120 132 140																	
3039	Glu	Asp	Pro	Pro	Asp	Ser	Lvs	Asn	Thr	Leu	Val	Leu	Phe	Glv	Ala	Glv		
3040	145	E			F	150	-1-				155			1		160		
3041																		
3042	Phe	Glv	Ala	Val	Ile	Thr	Val	Val	Val	Ile	Val	Val	Ile	Ile	Lvs	Cvs		
3043					165					170					175	- , -		
3044										- · •					,			
3045	Phe	Cvs	Lvs	His	Glv	Leu	Ile	Tvr	His	Leu	Gln	Leu	Thr	Ser	Ser	Ala		
		. 2 -2	-,-		1			- 1 -										

PAGE: 3

RAW SEQUENCE LISTING PATENT APPLICATION US/08/702,525

DATE: 01/09/98 TIME: 14:06:30

																VPUT	SET: S22465.raw
	3046				180					185					190		
	3047																
	3048	Lys	Asp	Phe	Arg	Asn	Leu	Ala	Leu	Pro	Trp	Leu	Cys	Lys	His	Gly	Ser
	3049			195					200					205			
	3050																
	3051	Leu	Gly	Glu	Ala	Ser	Ala	Val	Ile	Cys	Arg	Ser	Thr	Gln	Thr	Asn	Glu
	3052		210					215		_	_		220				
	3053																
	3054	Pro	Gln														
	3055	225		_)													
	3056			701													
>	3057	(PAC	3E 99	93 /													
	3058		•														
	3059	_								•							
	3060								•								
	3061																
	3062																

PAGE: 1

SEQUENCE VERIFICATION REPORT PATENT APPLICATION *US/08/702,525*

DATE: 01/09/98 TIME: 14:06:32

INPUT SET: S22465.raw

Line

Error

Original Text

3057

Wrong Amino Acid Designator

{PAGE|99}